

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS**

**Advanced GCE**

**GENERAL STUDIES**

**2965**

**THE SCIENTIFIC AND CULTURAL DOMAINS**

Thursday

**23 JUNE 2005**

Morning

1 hour 30 minutes

Additional materials:  
Answer booklet.

**TIME** 1 hour 30 minutes

### **INSTRUCTIONS TO CANDIDATES**

- Write your name, Centre number and candidate number in the spaces provided on the answer booklet.
- If you use additional sheets of paper, fasten the sheets to the answer booklet.
- Answer **one** question in Section A and **one** question in Section B.
- Read each question carefully and make sure you know what you have to do before starting your answer.

### **INFORMATION FOR CANDIDATES**

- The number of marks is given in brackets [ ] at the end of each question or part question.
- The total number of marks for this paper is 100.
- **Where an answer requires a piece of extended writing, the quality of your written communication will be assessed, including clarity of expression, structure of arguments, presentation of ideas, grammar, punctuation and spelling.**
- Credit will be given for appropriate use of examples.
- You may use an approved calculator.

---

**This question paper consists of 4 printed pages.**

**Section A: The Scientific Domain**

Answer **one** question from this section.

- 1 In terms of disease control and health, do you wish your lifetime could be that of your grandparents, your parents, your own or your children?

Name your chosen generation and the approximate dates of their lifetime. Justify your choice and give reasons for rejecting each of the other three. You may consider health in terms of factors related to birth, quality of life and death. [50]

- 2 When developments from scientific research have done so much to reduce the damage to crops from pests and diseases and to increase food supply, some consumers are turning to more costly and less perfect crops grown organically. Is it the scientists or the consumers who have got it wrong? [50]

- 3 'If you want to go places, start from where you are.  
If you are poor, start with something cheap.  
If you are uneducated, start with something relatively simple.  
If you live in a poor environment, and poverty makes markets small, start with something small.'  
(Small is Beautiful, E. F. Schumacher, 1973, Abacus)

Schumacher is suggesting that the way to economic growth and development is to develop projects that are:

- local;
- low cost;
- low skill;
- short time scale and
- small-scale.

Suggest ways in which this advice might lead to solutions to the problems of economic development in **one** area of the United Kingdom. [50]

**Section B: The Cultural Domain**

Answer **one** question from this section.

- 4 To what extent does religious belief encourage equality in everyday life? What conflicts could arise for people following such a belief? [50]
- 5 Each year panels of judges, under the guidance of a chairperson, award prizes within the Arts. Select **one** of the following categories:
- architects responsible for the renovation of old buildings;
  - designers of a summer clothes collection;
  - painters of landscape pictures;
  - news photographers;
  - sculptors using recycled materials;
  - lyricists for a stage or screen musical;
  - authors writing biographies.

Identify and justify **five** criteria the judges might use to decide on the most successful artists in your chosen category.

Identify, with reasons, **two** additional criteria the judges might want to use but the impartial chairperson would resist. [50]

- 6 Many people prefer things made from natural rather than artificial materials. For example people prefer wood, glass, leather and pottery to plastics, fresh flowers to fabric ones and cotton to polyester. Others consciously choose the opposite position. Suggest reasons for these preferences. [50]

---

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (OCR) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

OCR is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.